

01/18/02

J1055 U.S. PTO

01-22-02

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Please type a plus sign (+) inside this box →

Approved for use through 10/31/2002. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

TI-32328

First Inventor

Yifan Gong

Title

Method of Speech Recognition with Compensation for Both  
Channel Distortion and Background Noise

Express Mail Label No.

EL547743702US

J1055 U.S. PTO  
10/05/16/00

01/18/02

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

**ADDRESS TO:**Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 202311. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)2. ☐ Applicant claims small entity status  
See 37 CFR 1.27.3. ☒ Specification (preferred arrangement set forth below) [ Total Pages **17** ]  
- Descriptive title of the invention  
- Cross Reference to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table,  
or a computer program listing appendix  
- Background of the invention  
- Brief Summary of the invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure4. ☒ Drawing(s) (35 U.S.C. 113) [ Total Sheets **1** ]5. Oath or Declaration [ Total Pages **1** ]

- a.
- ☒
- Newly Executed (original or copy)
- 
- b.
- ☐
- Copy from a prior application (37 CFR 1.63(d))
- 
- (for continuation/divisional with Box 18 completed)

i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).6. ☐ Application Data Sheet. See 37 CFR 1.767. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)  
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)

- a.
- ☐
- Computer Readable Form (CRF)
- 
- b. Specification Sequence Listing on:
- 
- i.
- ☐
- CD-ROM or CD-R (2 copies); or
- 
- ii.
- ☐
- paper
- 
- c.
- ☐
- Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

- 9.
- ☒
- Assignment Papers (cover sheet & documents(s))
- 
- 37 CFR 3.73(b) Statement
- ☒
- Power of
- 
- (when there is an assignee) Attorney
- 
- 10.
- ☐
- English Translation Document (if applicable)
- 
- 11.
- ☐
- Information Disclosure Statement (IDS)/PTO-1449
- ☐
- Copies of IDS
- 
- Citations
- 
- 12.
- ☒
- Preliminary Amendment
- 
- 13.
- ☒
- Return Receipt Postcard (MPEP 503)
- 
- (Should be specifically itemized)
- 
- 14.
- ☐
- Certified Copy of Priority Document(s)
- 
- (if foreign priority is claimed)
- 
- 15.
- ☐
- Request and Certification under 35 U.S.C. 122
- 
- (b)(2)(B)(i). Applicant must attach form PTO/SB/35
- 
- or its equivalent.
- 
- 16.
- ☐
- Other:
- 
- 17.
- ☐

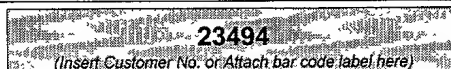
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1.76:☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

Prior application information:

Examiner \_\_\_\_\_

of prior application No: \_\_\_\_\_ / \_\_\_\_\_

Group / Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a  
part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when  
a portion has been inadvertently omitted from the submitted application parts.**19. CORRESPONDENCE ADDRESS**☐ Customer Number or Bar Code Labelor ☒ Correspondence address below

NAME

Texas Instruments Incorporated

ADDRESS

CITY

STATE

TX

ZIP CODE

COUNTRY

TELEPHONE

(202) 639-7710

FAX

(202) 639-7890

Name (Print/Type)

Robert L. Troike

Registration No. (Attorney/Agent)

Reg. No. 24,183

Signature

Date  
1/19/02Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you  
are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS  
TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

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**FEE TRANSMITTAL**

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

Express Mailing Label No.: EL547743702US

**Complete If Known**

Application Number	TBD
Filing Date	Herewith
First Named Inventor	Yifan Gong
Examiner Name	TBD
Group / Art Unit	TBD
Attorney Docket No.	TI-32328

TOTAL AMOUNT OF PAYMENT (\$)**908.00****METHOD OF PAYMENT**1. ☒ The Commissioner is hereby authorized to charge to the following Deposit Account,

Deposit Account Number

20-0668

Deposit Account Name

Texas Instruments Incorporated

☒ Charge any additional fee required or credit any overpayment
 ☐ Charge all indicated fees and any additional fee required or credit any overpayment
2. ☐ **Payment Enclosed:**
☐ Check
 ☐ Money Order
 ☐ Other
**FEE CALCULATION****1. BASIC FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	710	201	395	Utility filing fee	\$740
106	310	206	165	Design filing fee	\$
107	480	207	270	Plant filing fee	\$
108	760	208	395	Reissue filing fee	\$
114	150	214	75	Provisional filing fee	\$
<b>SUBTOTAL (1)</b>					<b>(\$740)</b>

**2. EXTRA CLAIM FEES**

	Total Claims	Extra Claims	Fee from below	Fee Paid
	17	-20** = 0	18	0
Independent Claims	5	-3** = 2	84	168
Multiple Dependent			260	

\*\*or number previously paid, if greater; For Reissue, see below

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	11	Claims in excess of 20
102	80	202	41	Independent Claims in excess of 3
104	260	204	135	Multiple dependent claims in excess of 3
109	78	209	41	**Reissue independent claims over original patent
110	18	210	11	**Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2)</b>				

(\$168)

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	380	216	200	Extension of time within second month	
117	870	217	475	Extension of time within third month	
118	1,360	218	755	Extension of time within fourth month	
128	1,850	228	1,030	Extension of time within fifth month	
119	300	219	155	Notice of Appeal	
120	300	220	155	Filing a brief in support of an appeal	
121	260	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,210	241	660	Petition to revive - unintentional	
142	1,210	242	660	Utility issue fee (or reissue)	
143	430	243	225	Design issue fee	
144	580	244	335	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt.	
581	40	581	40	Recording each patent assignment per properly (time number of properties)	
146	760	246	395	Filing a submission after final rejection (37 CFR 1.129(a))	
149	760	249	395	For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify)

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)****0****SUBMITTED BY**

Typed or Printed Name

Robert L. Troike

Signature

Robert L. Troike

Date 1/18/02

Complete (if applicable)

Reg. Number

24,183

Deposit Account User ID

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Yifan Gong

Serial No.: TBD

Filed: Herewith

For: Method of Speech Recognition with Compensation for Both Channel Distortion and Background Noise

TI-32328

Examiner: TBD

Art Unit: TBD

LETTER TO THE OFFICIAL DRAFTSPERSON

"EXPRESS MAILING" Mailing Label No. EL547743702US I hereby certify that this paper is being deposited with the U.S. Postal Service Express Mail Post Office to Addressee Service under 37 CFR 1.10 on the date shown below and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

*Robert L. Troike*  
Robert L. Troike, Reg. No. 24,183

*1/18/02*  
Date

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Enclosed is **ONE (1)** sheet of formal drawings for the above-referenced case. Please charge any necessary fees to Deposit Account No. 20-0668 of Texas Instruments Incorporated. This sheet is enclosed in triplicate.

Respectfully submitted,

*Robert L. Troike*

Robert L. Troike  
Attorney for Applicant  
Reg. No. 24,183

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